3. A display device according to claim 2, wherein the width, W_m, of the black matrix stripes is further defined by the inequality $W_m \geqq 2\ d_c$.

4. A display device according to claim 1, wherein transparent cover plate has an index of refraction n_{glass}, which defines a critical angle of Θc, and a thickness t_{glass} and the black matrix is formed from dark-colored stripes having a width W_m defined by the inequality $W_m \geqq 2\ d_c$.

5. A display device according to claim 1, further comprising a filter positioned over the plurality of pixels to pass light provided by the active pixel areas and to attenuate ambient reflected light which passes through the transparent cover plate, the patterned color filter and is reflected by the pixel areas of the display device.

6. A display device according to claim 5, wherein the filter is a neutral gray filter.

7. A display device according to claim 5, wherein the filter is a patterned color filter.

8. A display device according to claim 5, wherein the filter is a polarizing filter.

9. A display device according to claim 1, wherein the outer surface of the transparent cover plate includes an anti-reflective coating.

10. A display device according to claim 1 wherein the pixel structure includes a row electrode and a column electrode for driving the pixel structure, wherein the active pixel area includes a display material selected from a group consisting of an emissive display material a reflective display material and the display device includes an electronics section, coupled to the inner surface of the transparent cover plate, the electronics section including a circuit board which provides electrical signals to the row electrodes and the column electrodes of the pixel structure.

11. A display device according to claim 10, wherein the circuit board is made from a dark-colored material to provide a light-absorptive background for the active pixel area.

12. A display device according to claim 10, wherein the circuit board is joined to the inner surface of the transparent cover plate by an adhesive and the adhesive includes dark-colored material whereby the assembled display device provides a light-absorptive background for the active pixel area.

13. A display device according to claim 10, wherein the column electrodes are transparent and are formed directly on the transparent cover plate, the display material is deposited on the column electrodes and row electrodes are deposited on the display material and on portions of the transparent cover plate, wherein, before depositing the row electrodes, the portions of the transparent cover plate on to which the row electrodes are to be deposited are coated with a dark-colored material.

14. A display device according to claim 1, wherein the display device is a tiled display device including an optical integrator plate and the black matrix is formed on the surface of the optical integrator plate on to which the individual tiles are mounted.

15. A display device according to claim 1, wherein the active area of the pixel structure defines a plurality of spaced sub-pixel elements separated by portions of the inactive pixel area, wherein the sub-pixel elements together define an aperture of less than 50 percent.

16. A display device according to claim 15, wherein the active area of the pixel structure defines a plurality of spaced sub-pixel elements separated by portions of the inactive pixel area, wherein the sub-pixel elements together define an aperture of approximately 25 percent.

17. A display device having a plurality of picture element (pixels), comprising:

a pixel structure for the plurality of pixels which pixel structure defines a pixel area including an active pixel area and an inactive pixel area in which only the active pixel area provides light and in which the ratio of the active pixel area to the pixel area is less than 50 percent;

a transparent cover plate having a outer surface and an inner surface wherein the inner surface is in close proximity to the pixel area; and

a lens structure having an inner surface and an outer surface, the inner surface of the lens structure being coupled to the outer surface of the transparent cover plate, the lens structure defining a plurality of lenses, each lens being positioned with respect to an active pixel area to condense light provided by a first area of the active pixel element into an aperture of the lens, wherein the aperture has an area smaller than the first area of the active pixel element.

18. A display device according to claim 17, further including a black matrix structure coupled to the outer surface of the lens structure, the black matrix structure covering areas of the lens structure which do not transmit light to a viewer.

19. A display device according to claim 17, wherein the individual lenses protrude from the transparent cover plate and have relatively steeply angled sides, the angles of the sides of the lenses being sufficient to form a light trap such that ambient light which enters the lens structure tends to be reflected internally in the lens structure and not to a viewer.

20. A display device according to claim 19, further including a black matrix structure coupled to the outer surface of the lens structure, the black matrix structure covering the sides of the lens structure.

21. A display device according to claim 20, wherein the black matrix structure has a index of refraction and the display device further includes a coating of a material having a lower index of refraction than the black matrix structure which is positioned between the sides of the lens structure and the black matrix structure.

22. A display device according to claim 19, further including a reflective material covering the sides of the lens structure.

23. A display device according to claim 17, further comprising a filter positioned over the plurality of pixels to pass light provided by the active pixel areas and to attenuate ambient reflected light which passes through the transparent cover plate and the apertures of the lens structure, the patterned color filter and is reflected by the pixel areas of the display device.

24. A display device according to claim 23, wherein the filter is a neutral gray filter.

25. A display device according to claim 23, wherein the filter is a patterned color filter.

26. A display device according to claim 23, wherein the filter is a polarizing filter.

27. A display device according to claim 17 wherein the pixel structure includes a row electrode and a column electrode for driving the pixel structure, wherein the active